

Figure 1

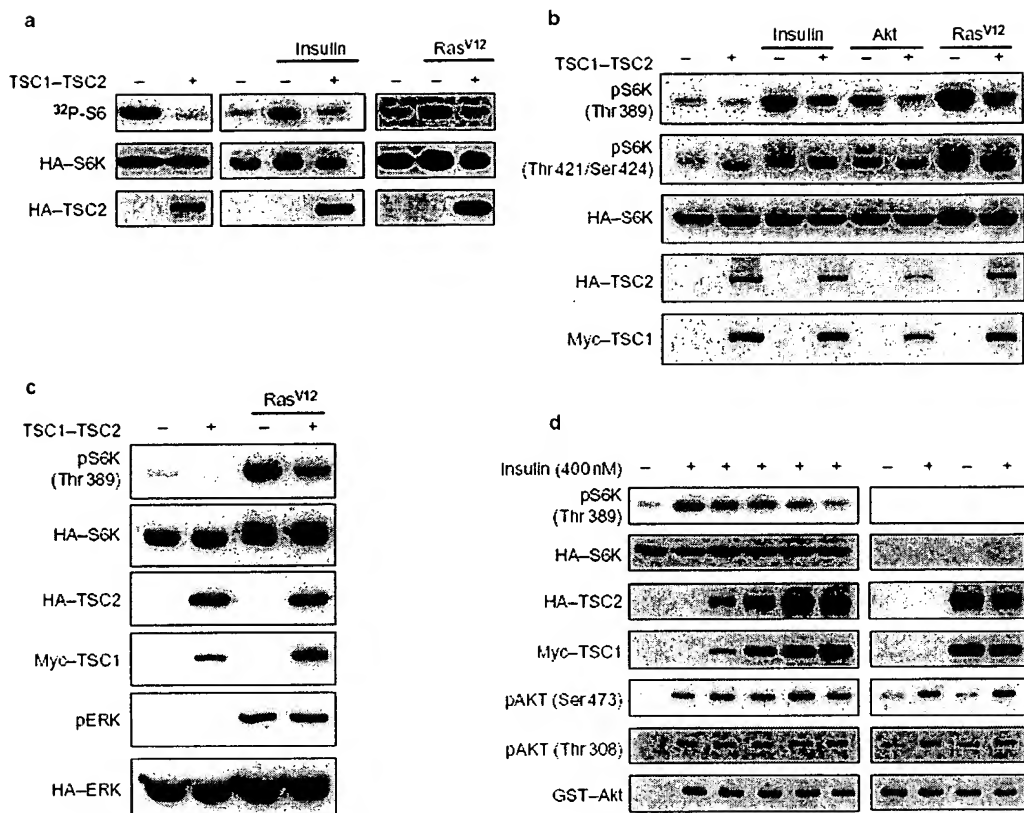


Figure 2

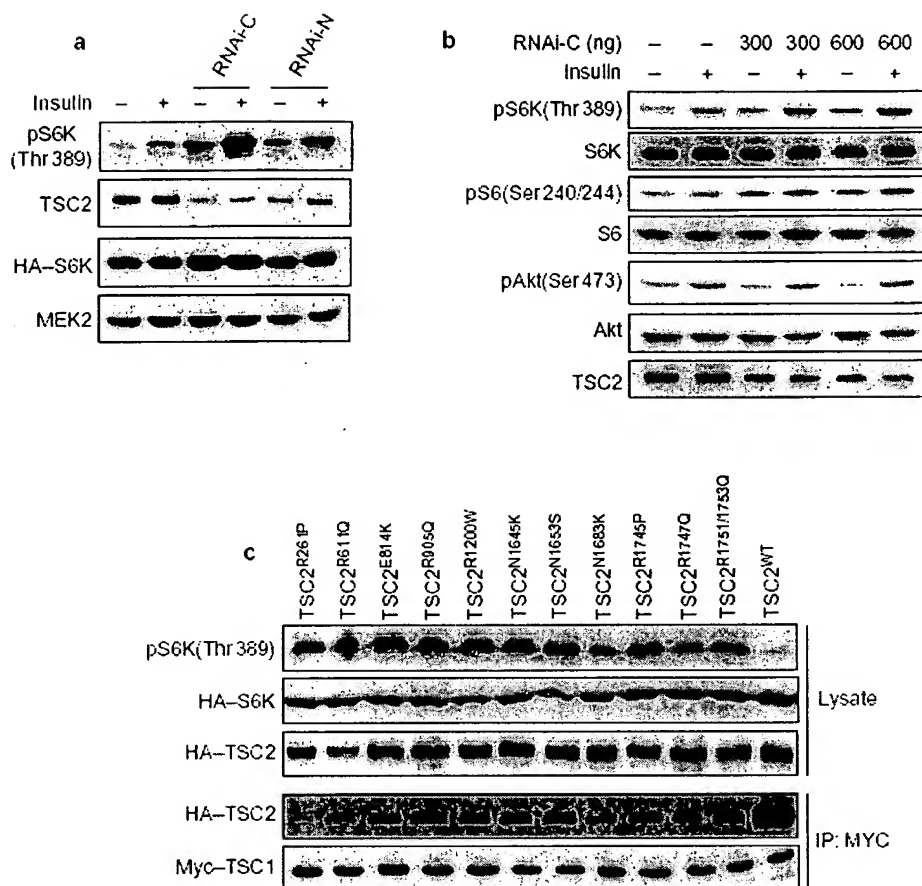


Figure 3

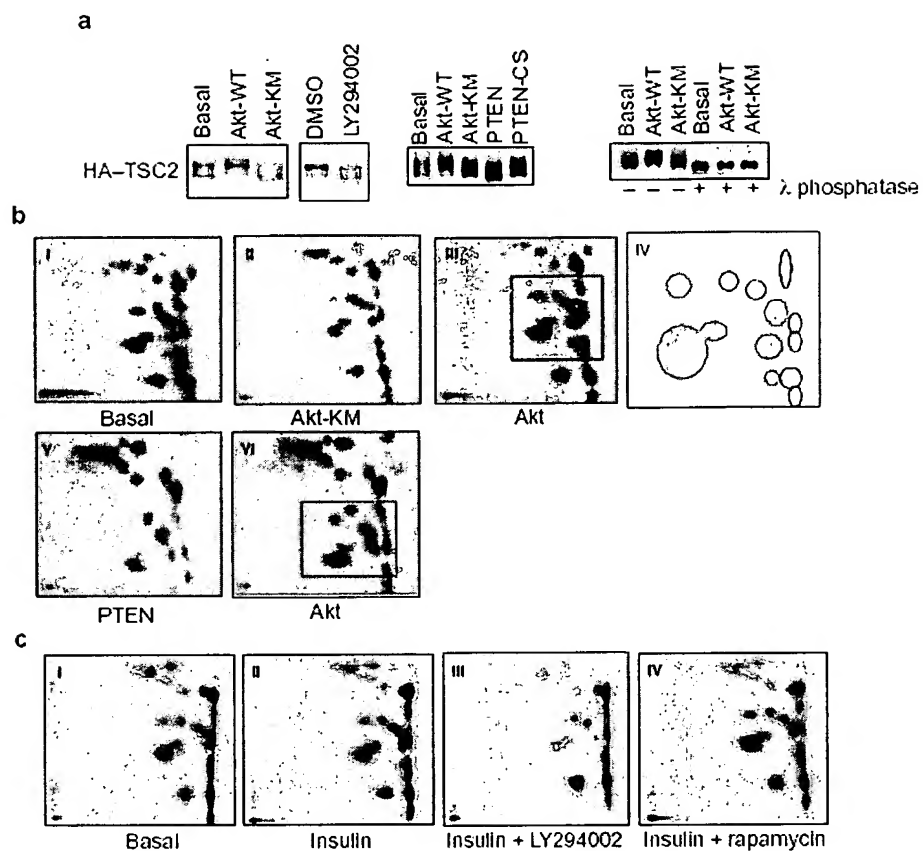


Figure 4

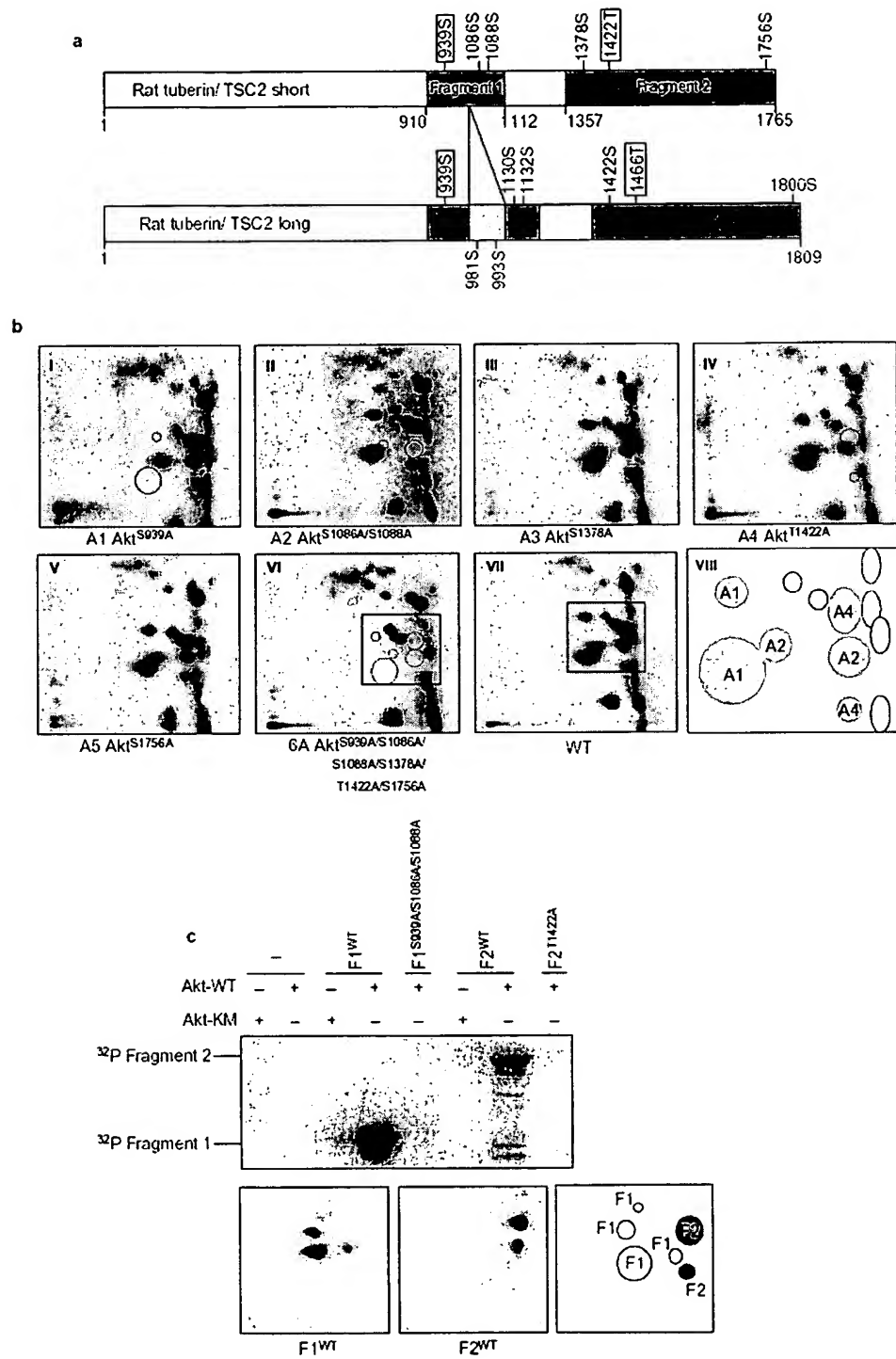


Figure 5

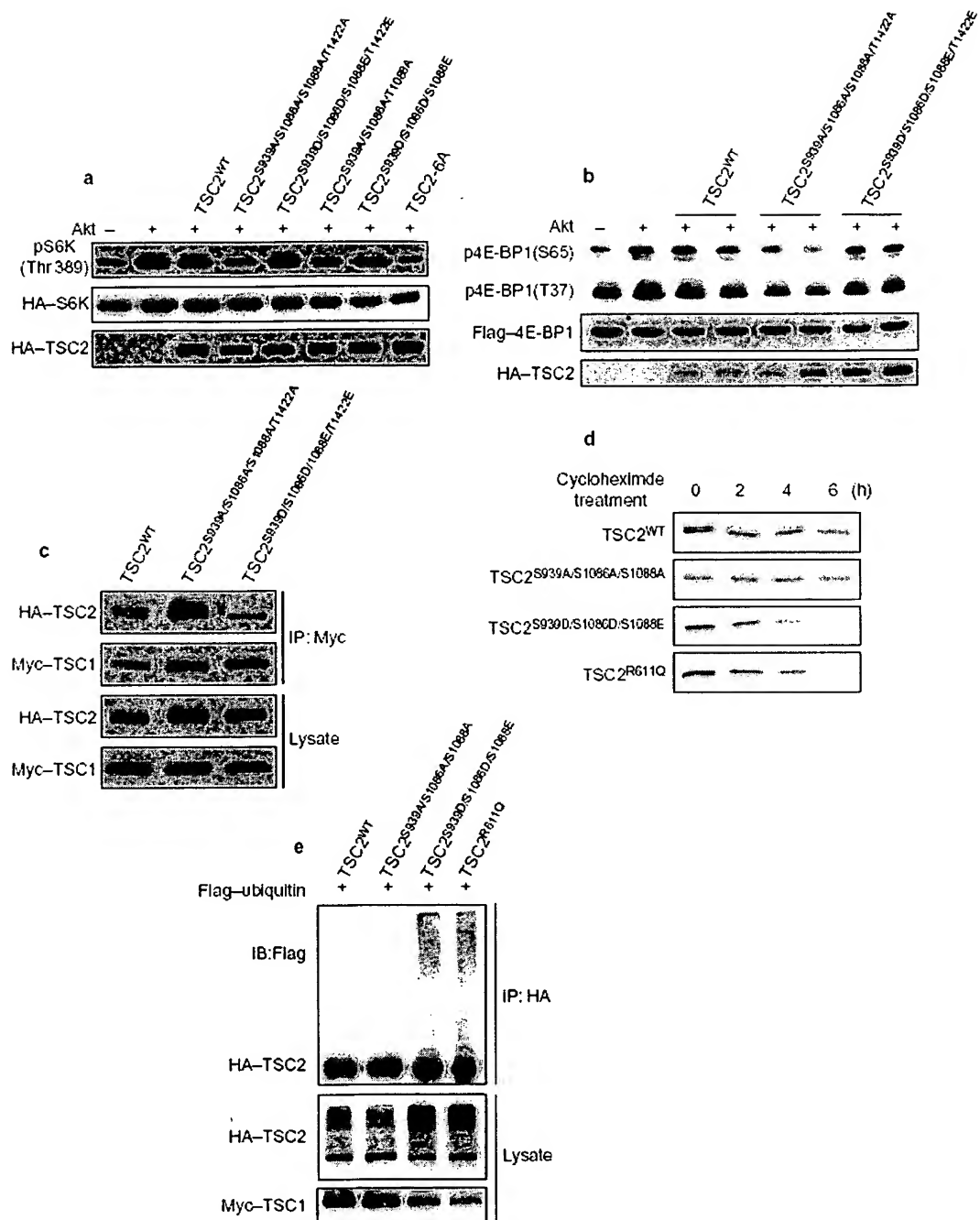
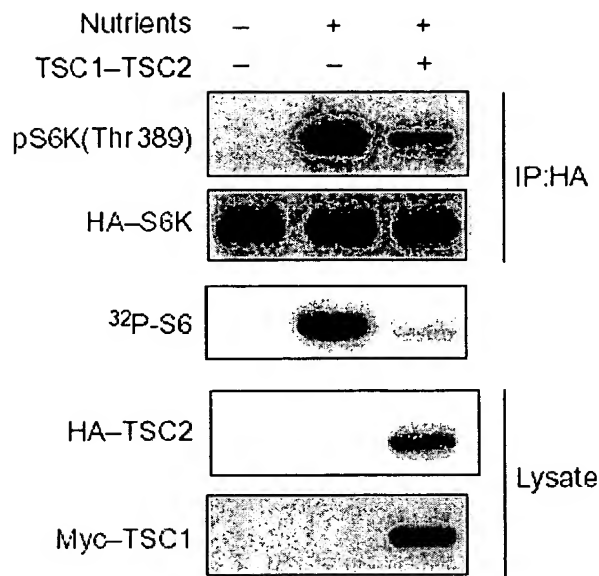


Figure 6

a



b

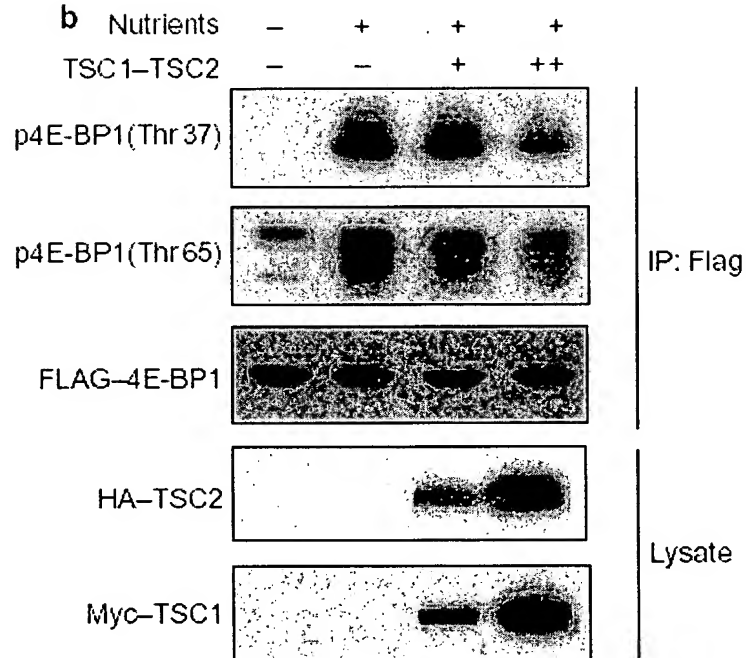


Figure 7

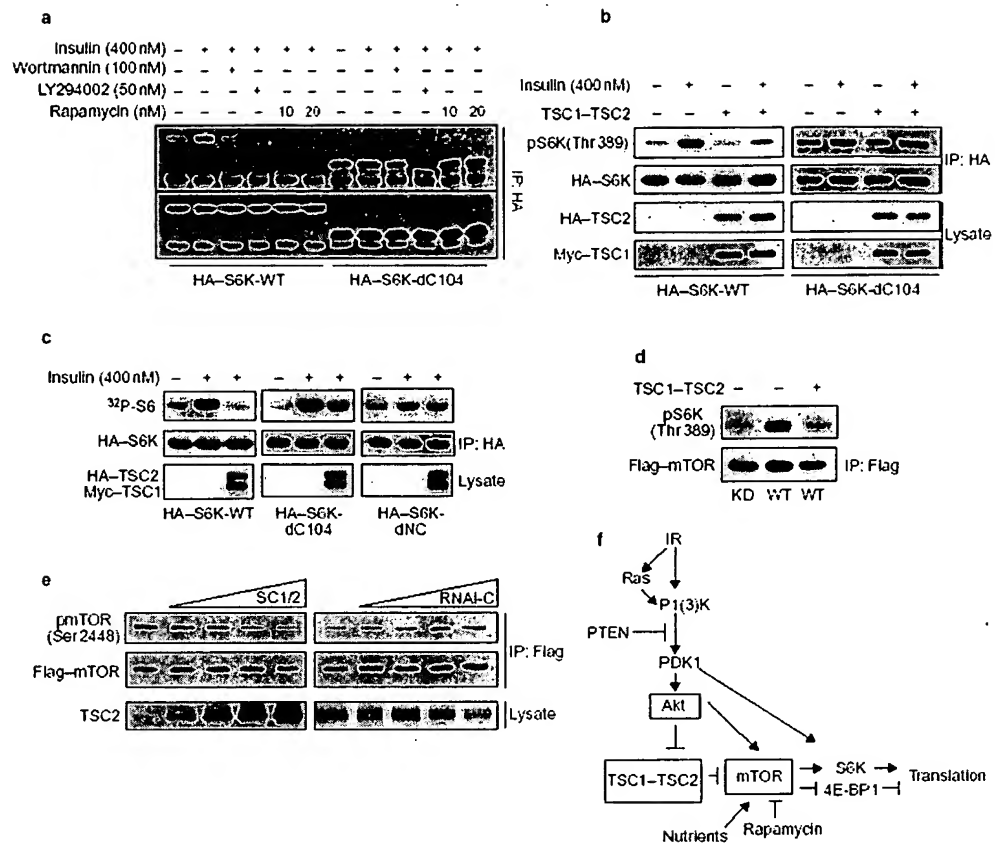


Figure 8

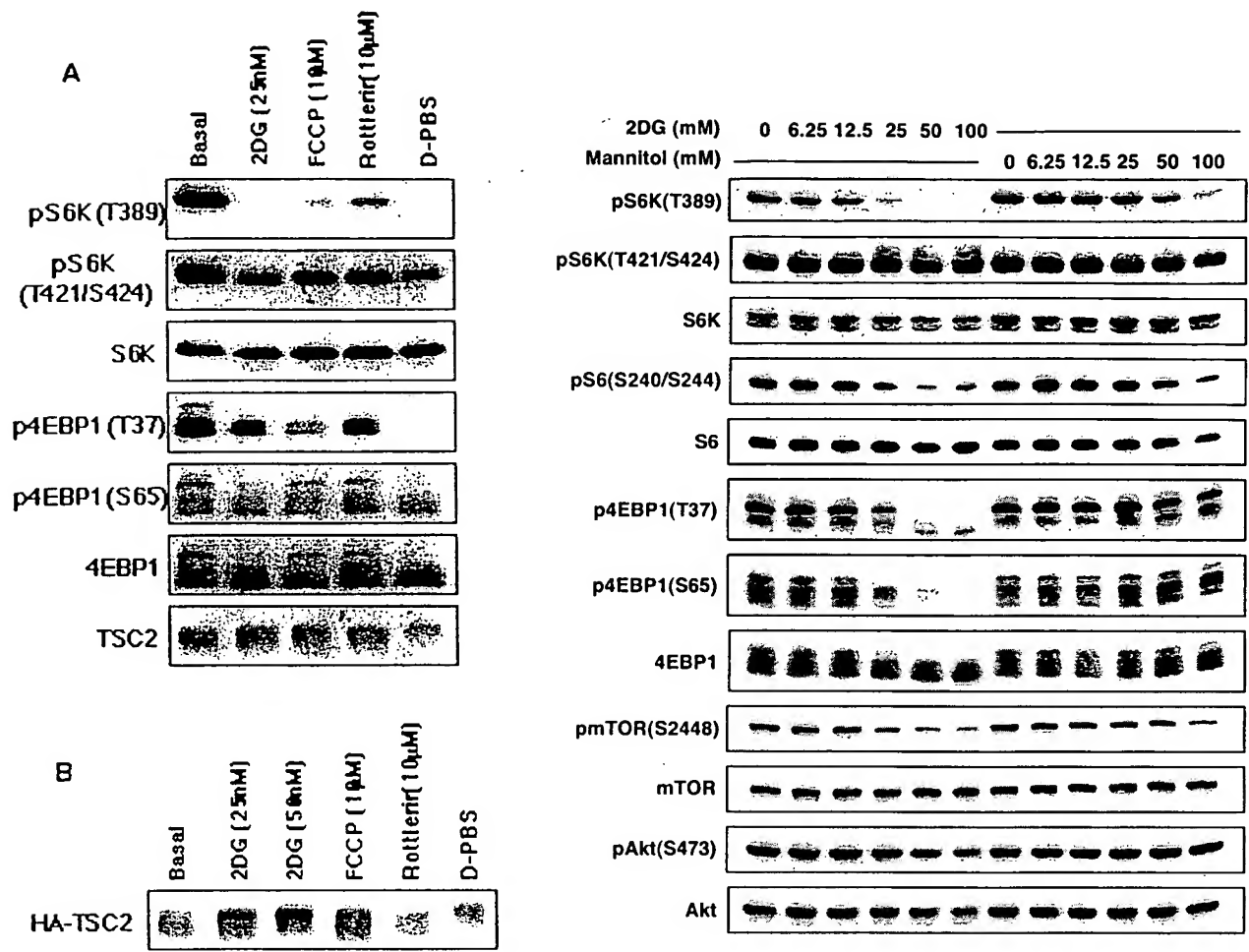


Figure 8 continued

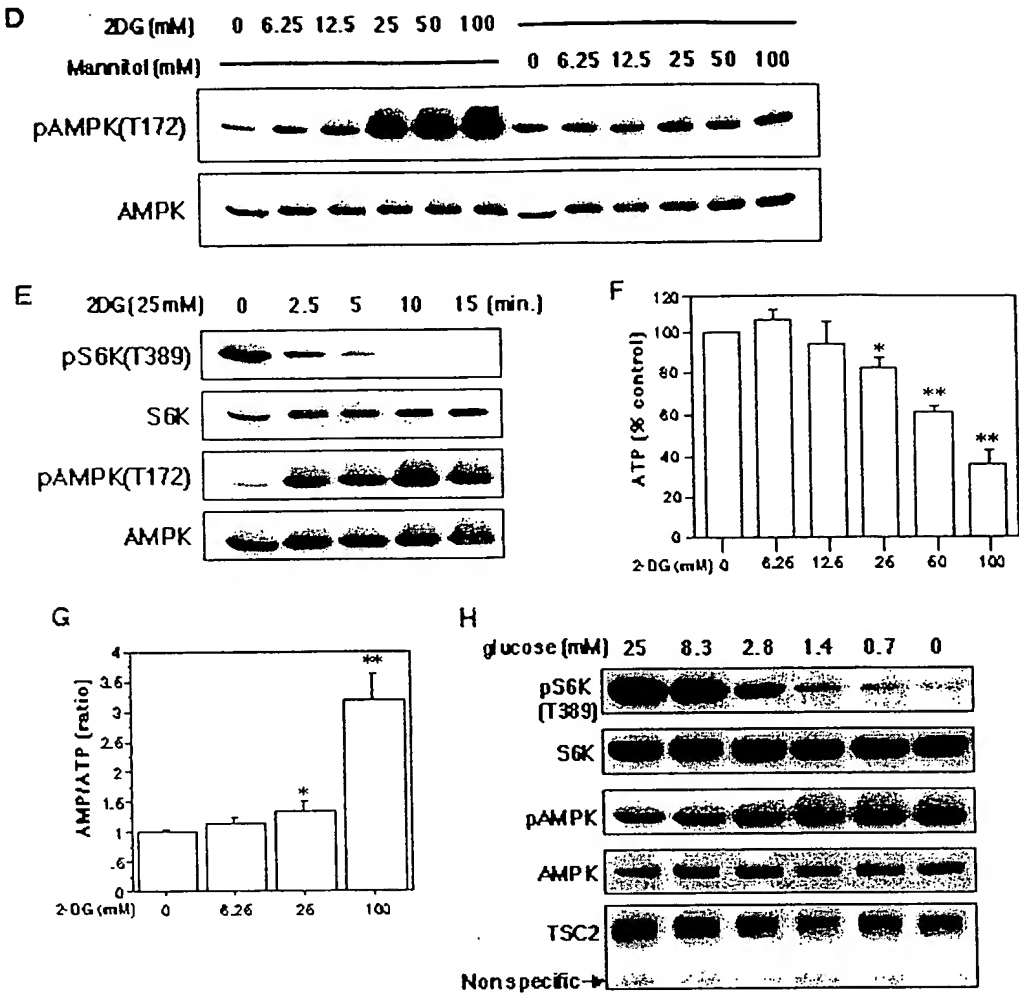


Figure 9

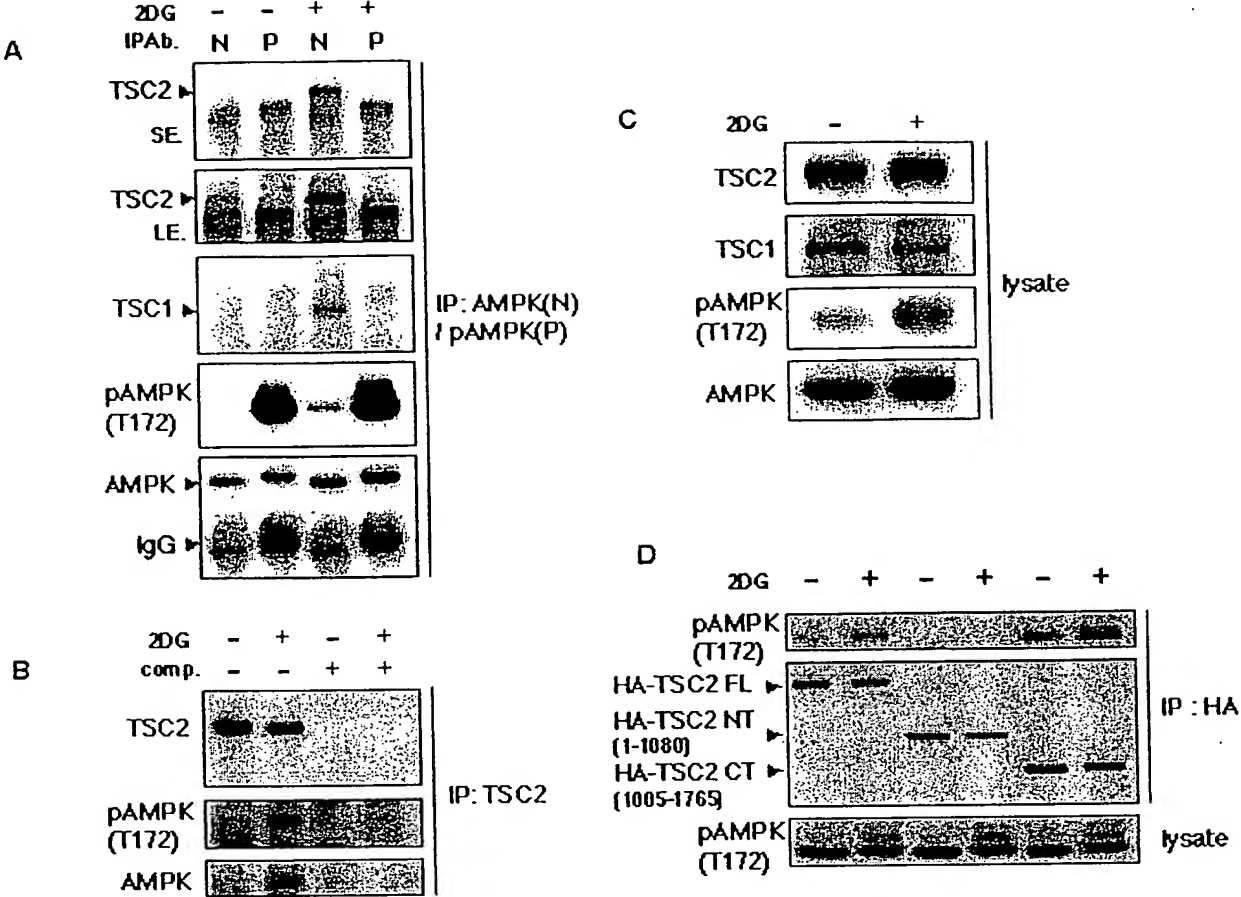


Figure 10

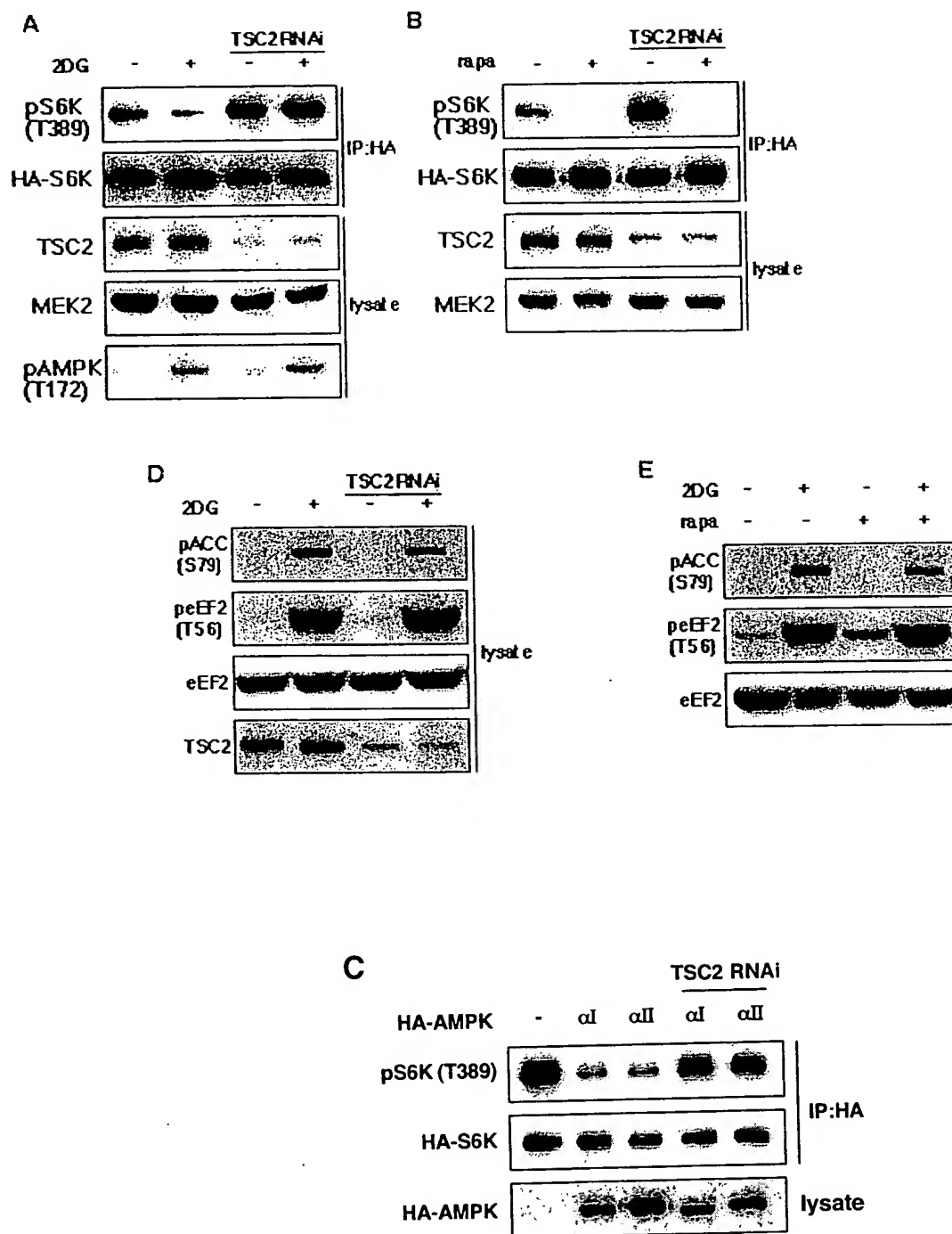


Figure 10 continued

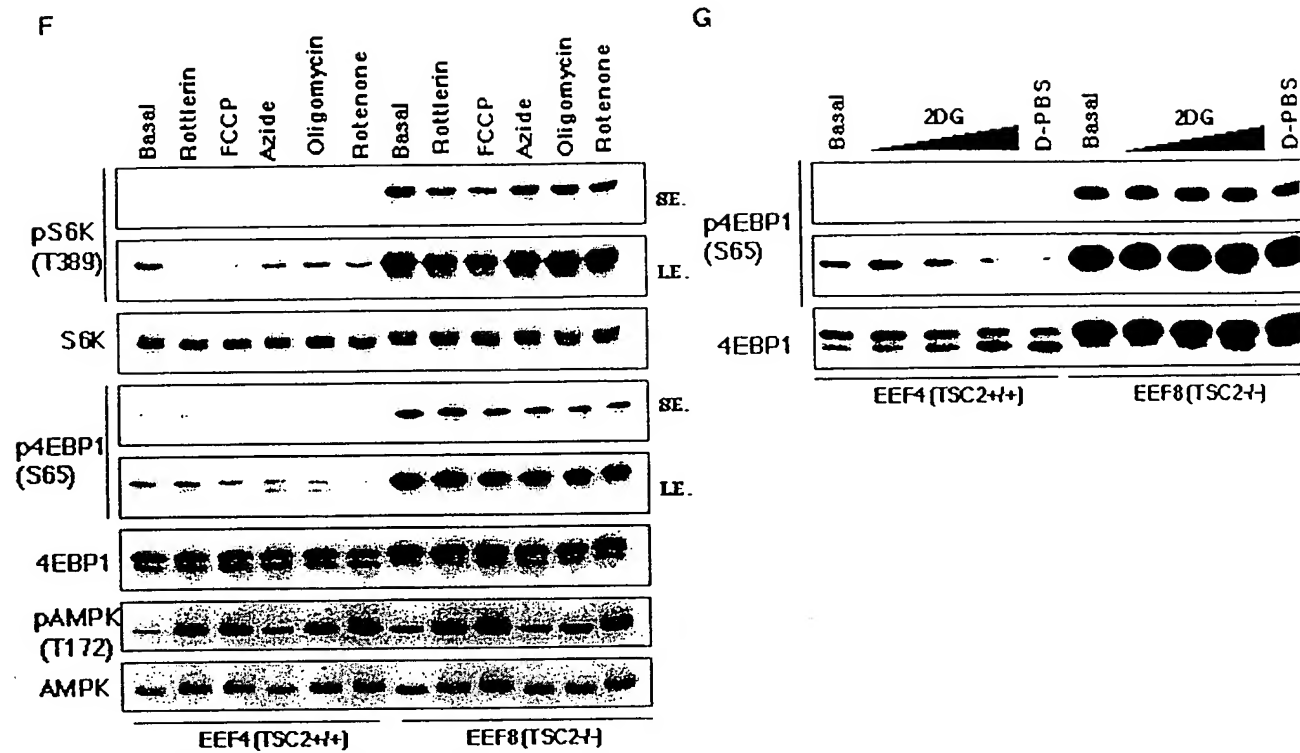


Figure 11

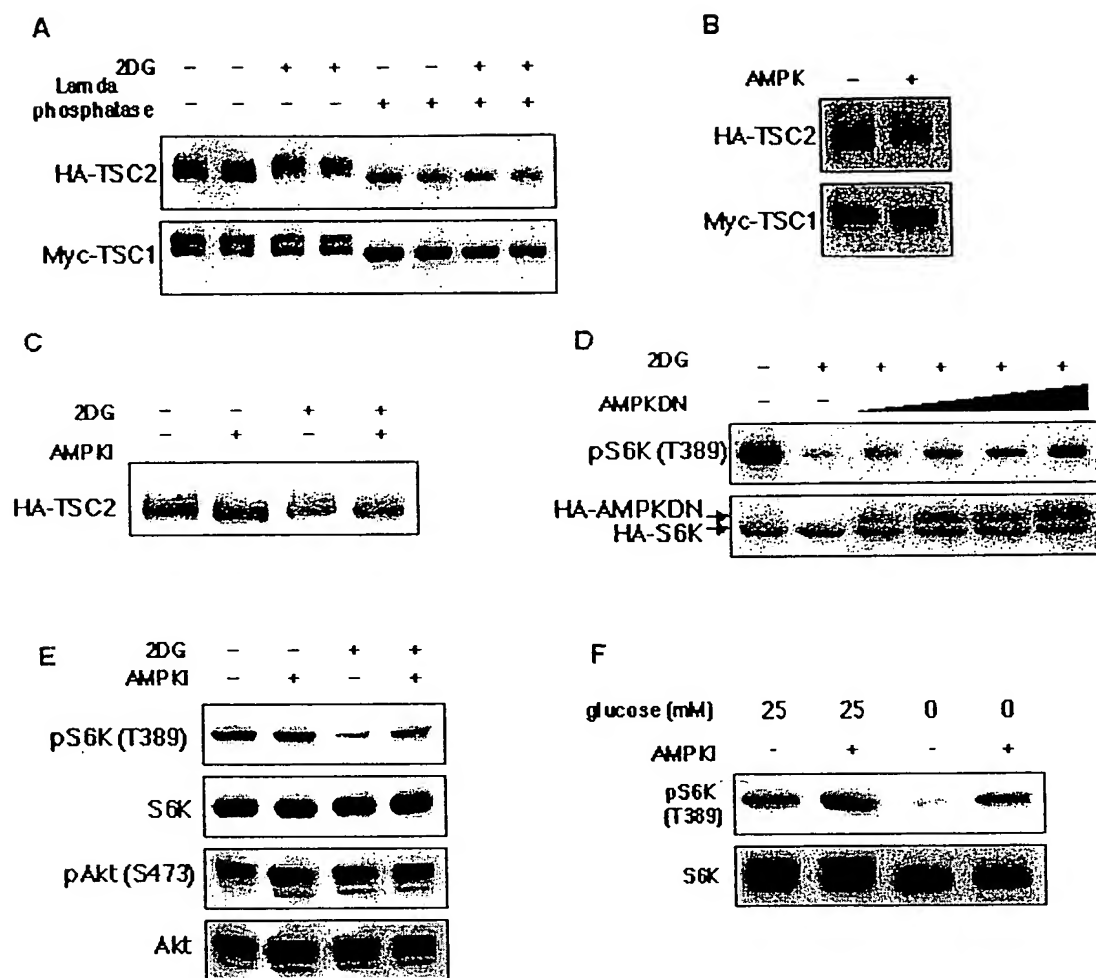


Figure 12

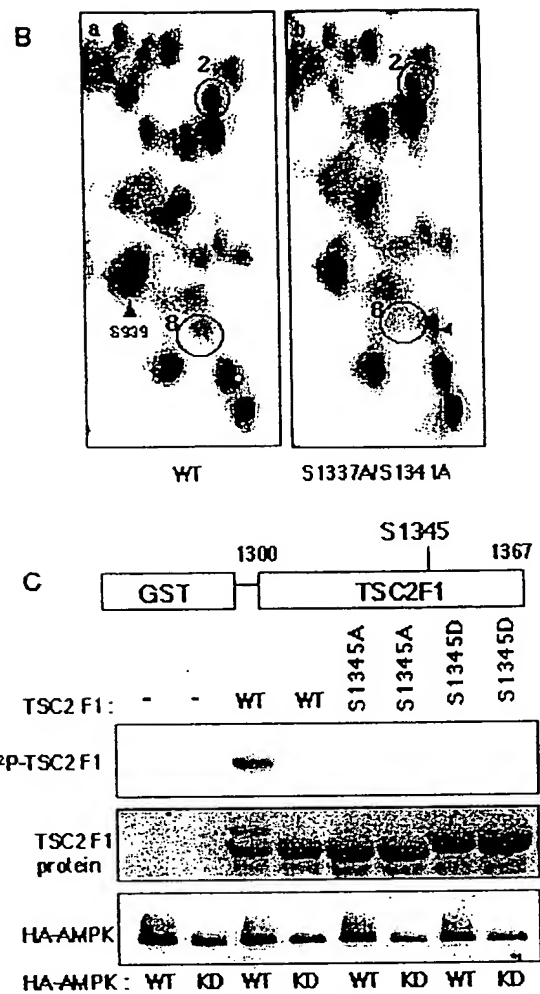
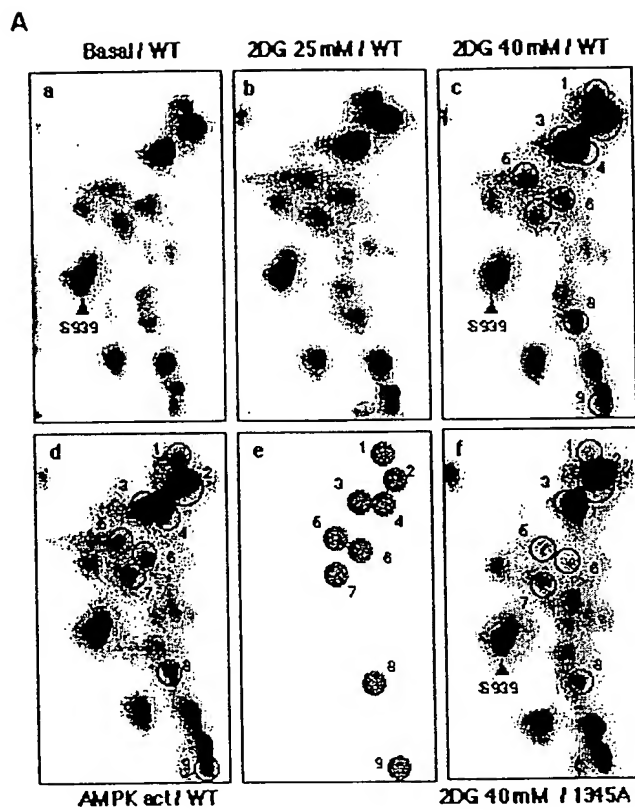


Figure 12 continued

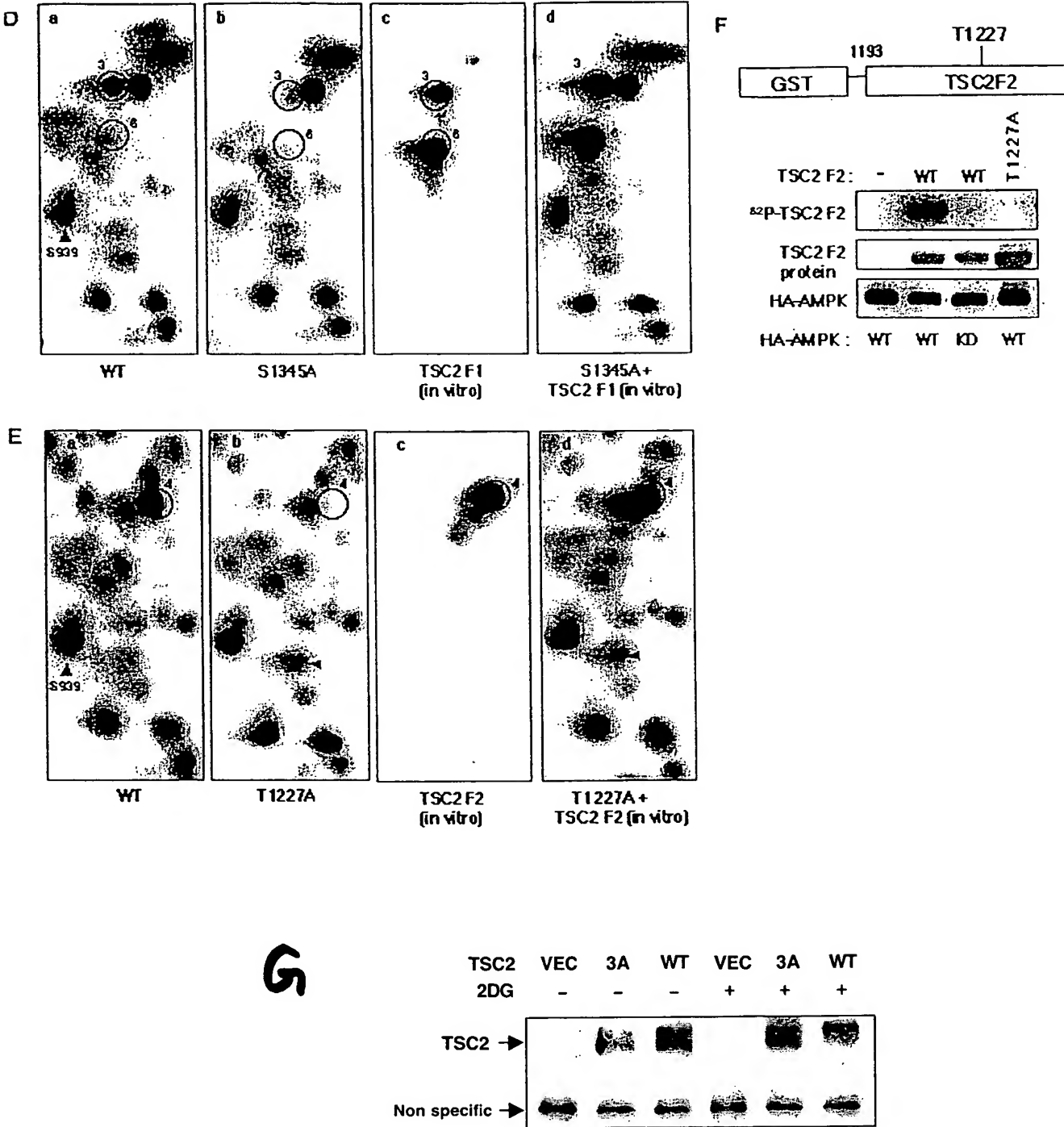


Figure 13

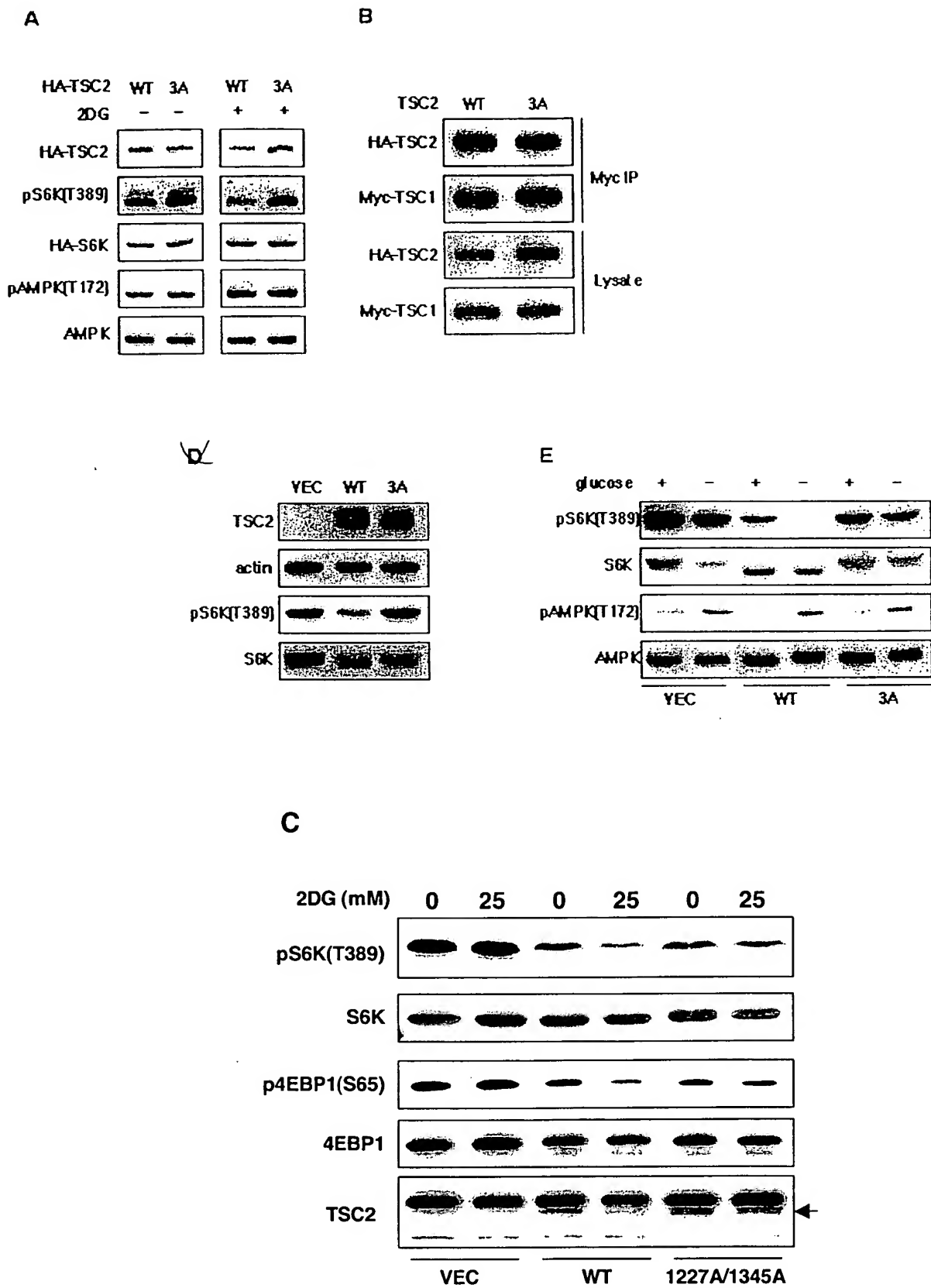


Figure 14

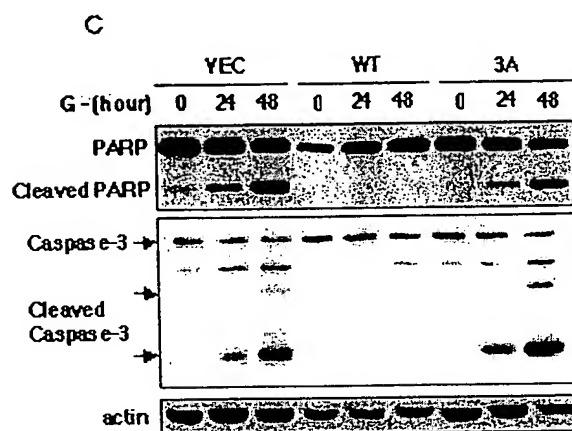
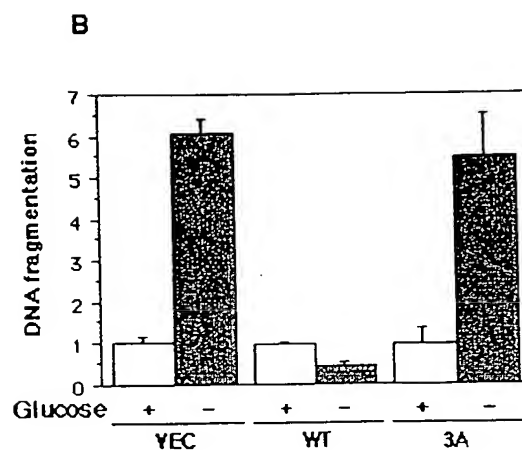
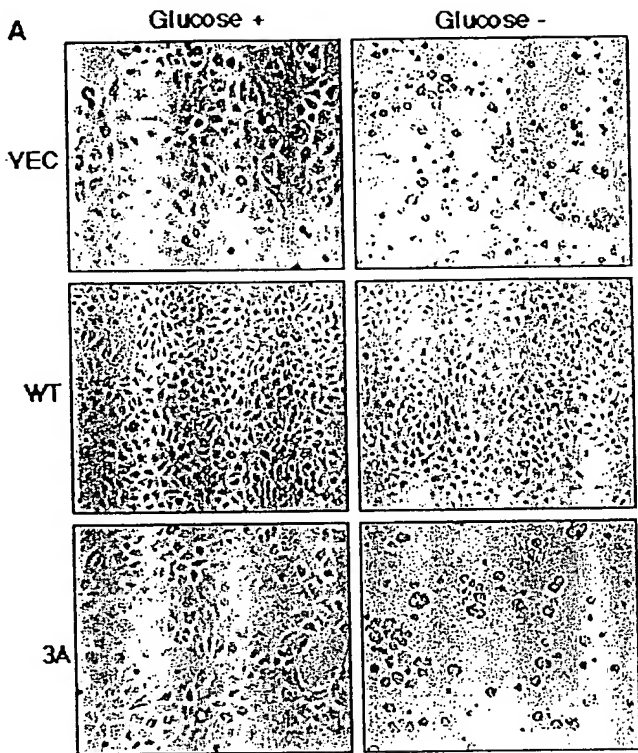


Figure 14 continued

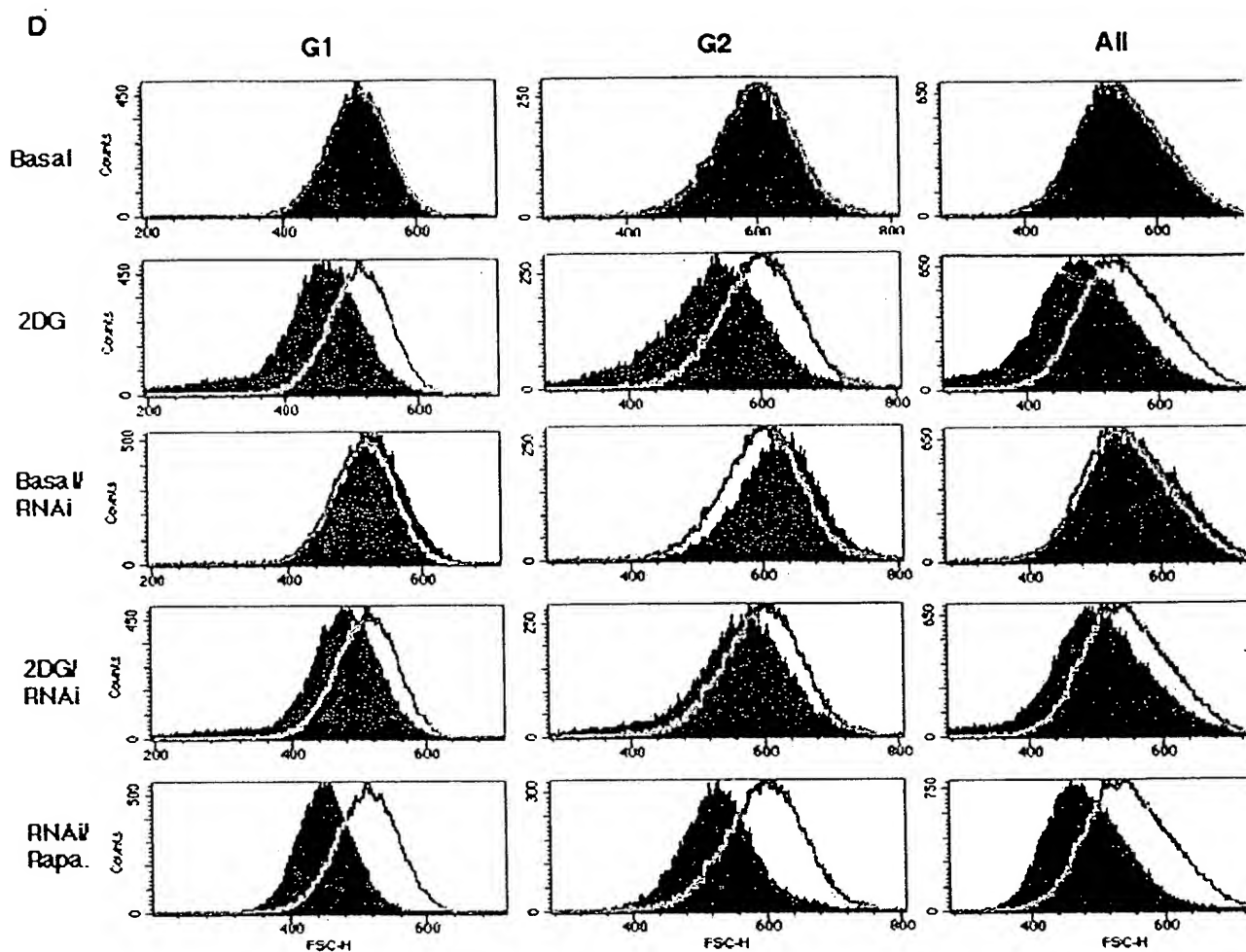


Figure 14 continued

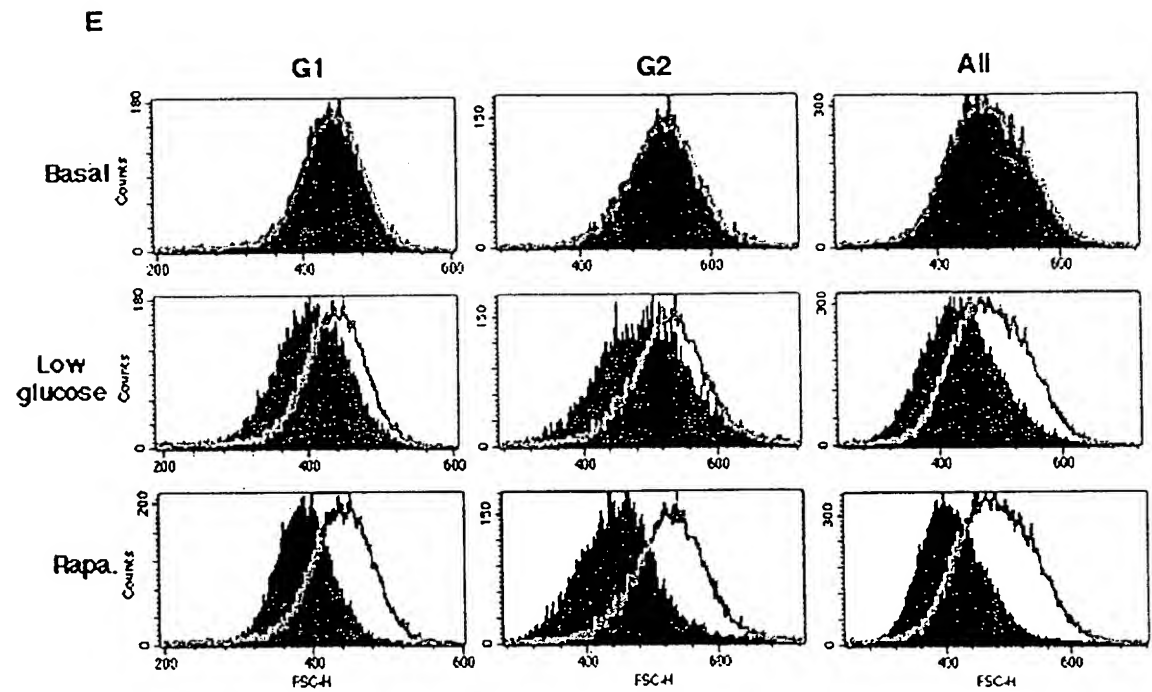
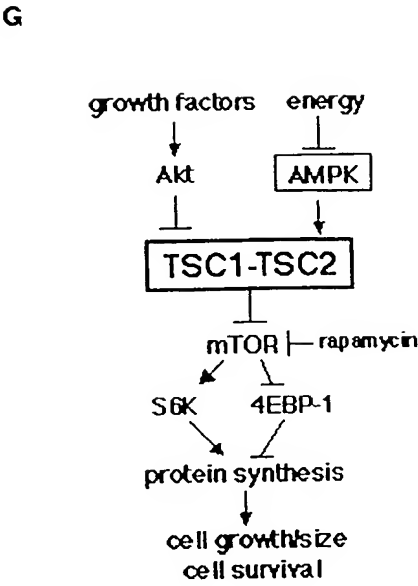
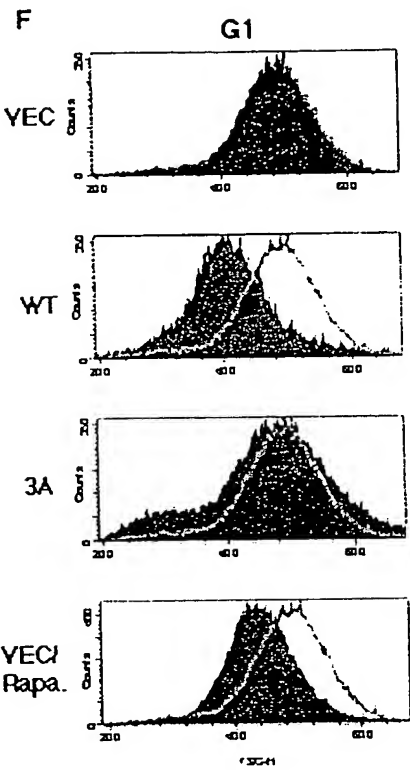


Figure 14 continued



Hyd-(X,Bas)-x-x-Ser/Thr-x-x-x-Hyd

Figure 15A

ACC1

ISSLQDGLALHIRSSMSGLHL

ACC2

TTGEAETRVPTMRPSMSGLHL

HMGR

ALAAGHLVKSHMIHNRSKINL

PFK2

TNNFPKNQTPVRMRRNSFTPL

TSC2 (T1227)

VPAAGTAKPPTLPRSNTVASF

TSC2 (S1345)

TVDLSFQPSQPLSKSSSPEL

Figure 15B

:

TSC2 (S132)

LGVLRALFFKVIKDYPSNEDL

TSC2 (T317)

MALWGAHRLYSLKNSPTSVLP

TSC2 (T509)

LSHIPEDKDHQVRKLATQLLV

TSC2 (S625)

SIRLQAFDFLLLLRADSLHRL

TSC2 (S802)

REMVYCLEQGLIYRCASQCVV

TSC2 (T1227)

VPAAGTAKPPTLPRSNTVASF

TSC2 (S1345)

TVDLSFQPSQPLSKSSSPEL

TSC2 (S1662)

RKDMEGLVDTSVAKIVSDRNL

Figure 15C

Figure 16A

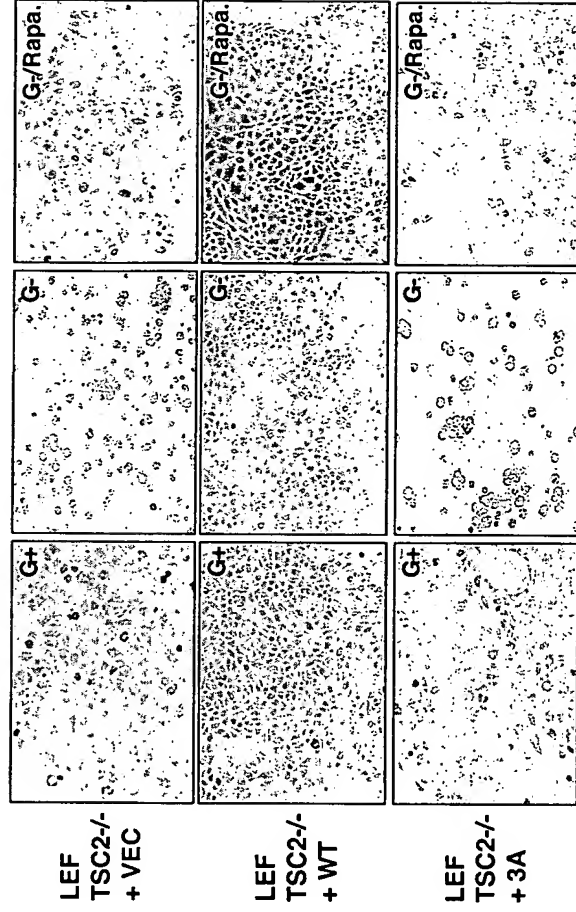
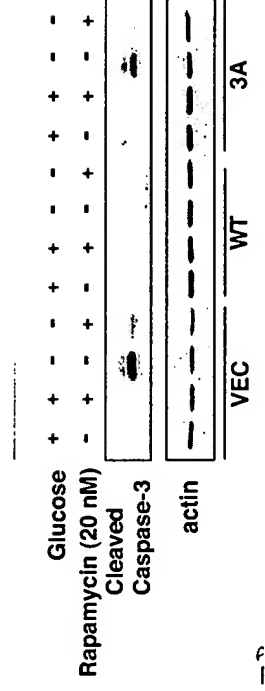
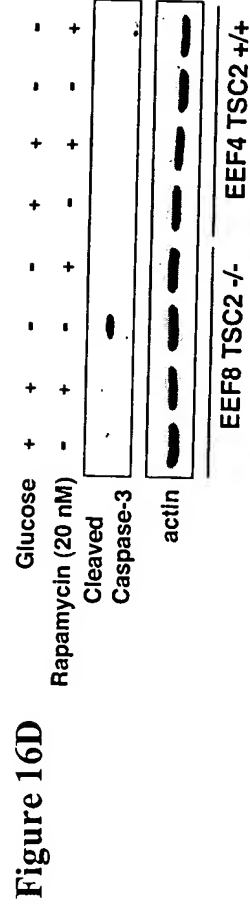
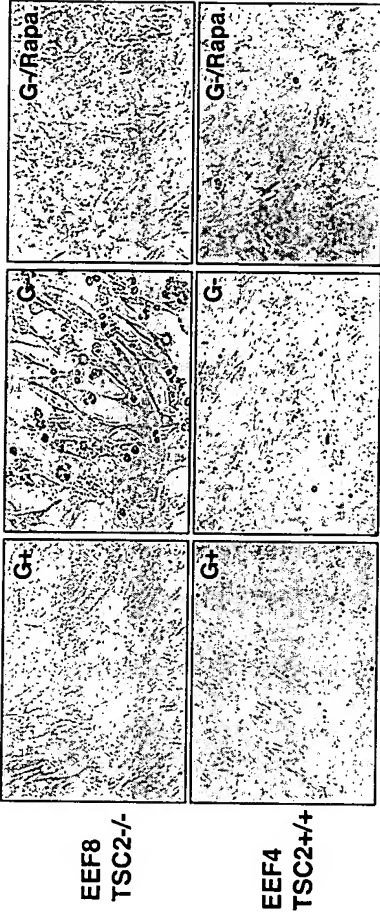


Figure 16B





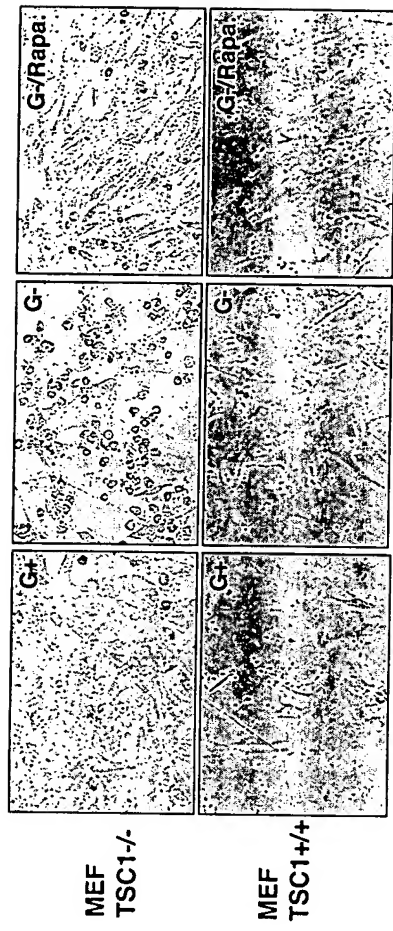


Figure 16E

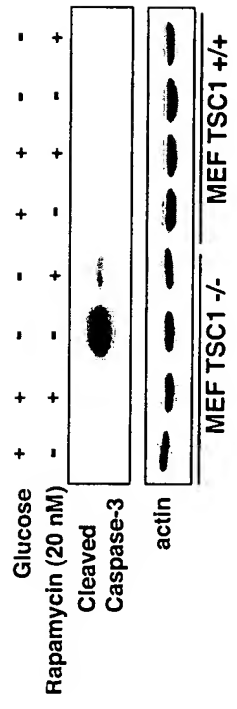


Figure 16F

Figure 17A

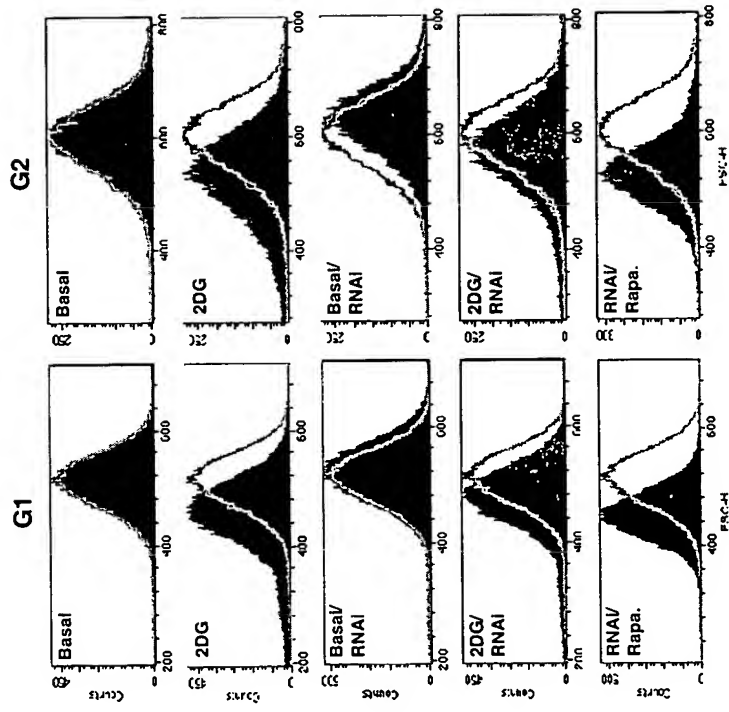


Figure 17B

